## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|---|---------------------|---------|---------------------|
| S1   | 2    | "US 20060220482"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                    | OR                  | ON      | 2008/06/30<br>16:40 |
| S2   | 8    | "JP 03060347" "JP 63007150"<br>"JP 08196050" "JP 04248346"                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/06/30<br>16:45 |
| S3   | 10   | ("5486054" "4618273"<br>"4806025" "3463564").pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/06/30<br>16:49 |
| S4   | 2    | "US 20060220482"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                    | OR                  | ON      | 2008/07/08<br>11:05 |
| S6   | 424  | ((YOUNG) near2 (SON)).INV.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/07/08<br>11:07 |
| S8   | 2    | (("EUNG MO") near2 (YANG)).<br>INV.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/07/08<br>11:08 |
| S9   | 6    | ("4528473"   "5845390"  <br>"6157103").PN.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/07/08<br>11:09 |
| S10  | 12   | "JP 62285657" "JP 07308051"<br>"JP 11308845" "JP 06098523"<br>"JP 08163856" "JP<br>2003224959" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2008/07/08<br>11:16 |

| S11 | 49   | (US-20030142063-\$ or US-20030142064-\$ or US-20060098968-\$ or US-20060220482-\$ or US-20070074236-\$).did. or (US-4324386-\$ or US-4278429-\$ or US-4482260-\$ or US-4308694-\$ or US-4452223-\$ or US-4465378-\$ or US-4500217-\$ or US-4520987-\$ or US-4558527-\$ or US-4562669-\$ or US-5023498-\$ or US-5178112-\$ or US-5179977-\$ or US-5239532-\$ or US-5264747-\$ or US-5272567-\$ or US-5291358-\$ or US-5331872-\$ or US-5354382-\$ or US-5634388-\$). did. or (US-5689388-\$ or US-5950269-\$ or US-6139206-\$ or US-6196018-\$ or US-6220571-\$ or US-6220571-\$ or US-6220571-\$ or US-4846748-\$ or US-4959738-\$ or US-4775907-\$ or US-4891722-\$ or US-4898559-\$ or US-4960234-\$ or US-5219099-\$). did. | US-PGPUB;<br>USPAT  | OR | S  | 2008/07/08          |
|-----|------|--|---|----|----|---------------------|
| S12 | 9    | "JP 2000358350" "JP<br>06284682" "JP 58086857" "JP<br>01295660"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>12:13 |
| S13 | 2628 | 310/49r.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>12:20 |
| S14 | 142  | 310/49r.ccls. and bracket  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>13:48 |
| S15 | 26   | 310/49r.ccls. and (spring same (thrust adj bearing))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>13:49 |

| S16 | 4   | "6800969".pn.                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>13:53 |
|-----|-----|---|---|----|----|---------------------|
| S17 | 2   | "JP 2003174761"                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>13:55 |
| S18 | 281 | 310/49r.ccls. and resin                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>14:24 |
| S19 | 215 | 310/49r.ccls. and weld\$3                           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>14:24 |
| S20 | O   | 310/49r.ccls. and (resin with (thrust adj bearing)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>14:25 |
| S21 | 64  | 310/49r.ccls. and (resin with bearing)              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>14:25 |
| S22 | 6   | 310/49r.ccls. and (weld\$3<br>with bracket)         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>14:26 |
| S23 | 124 | 310/49r.ccls. and (coil with spring)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>17:22 |
| S24 | 2   | "JP 01295660 <b>A</b> "                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/07/08<br>17:47 |
| S25 | 2   | "JP 61218342"                                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/05/13<br>17:42 |

| S27 | 7 1 11/398114.app. US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT |  | OR  | ON                                  | 2009/05/13<br>17:45 |                     |
|-----|--|--|---|-------------------------------------|---------------------|---------------------|
| S28 | "20060251353"   "3786289"). USPAT;                                 |  | USPAT;<br>USOCR; FPRS;<br>EPO; JPO;                                     | OR                                  | ON                  | 2009/05/13<br>17:48 |
| S29 | 3  | "DE 19843226"  | 9843226" US-PGPUB; OR<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT |                                     | ON                  | 2009/05/13<br>17:52 |
| S30 |  |  | OR  | ON                                  | 2009/12/14<br>07:21 |                     |
| S31 | 0  | "EP 0272716"   | US-PGPUB; OR<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT          |                                     | ON                  | 2009/12/14<br>07:44 |
| S32 | 2  | "EP 272716"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | USPAT;<br>USOCR; FPRS;<br>EPO; JPO; |                     | 2009/12/14<br>07:44 |
| S33 | 2  | "4878455".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR                                  | ON                  | 2009/12/14<br>07:46 |
| S34 | 2  | "JP 61218342"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR                                  | ON                  | 2009/12/14<br>10:01 |
| S72 | 1  | "JP 3517602"   | 17602" US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT      |                                     | ON                  | 2010/04/08<br>11:11 |
| S73 | 1  | 2000-674017.NRAN.  | DERWENT   | OR                                  | ON                  | 2010/04/08<br>11:12 |
| S74 | 16   | ("20030228079"   "4381747"<br>  "5073735"   "5747897"  <br>"6166889"   "6208046"  <br>"6608416").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT             | OR                                  | ON                  | 2010/04/08<br>13:27 |

| S75 | 0 | KR20020019331      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:32 |
|-----|---|--------------------|---|----|----|---------------------|
| S76 | 0 | "KR 20020019331"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:32 |
| S77 | 0 | "KR 1020020019331" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:33 |
| S78 | 0 | "KR1020020019331"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:33 |
| S79 | 0 | KR20000052510      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:35 |
| S80 | 0 | KR20000052510\$2   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:35 |
| S81 | 0 | "KR 20000052510"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>11:35 |
| S82 | 2 | "JP 07015939"      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON | 2010/04/12<br>16:25 |

## **EAST Search History (Interference)**

| Ref# | Hits   | Search Query    | DBs               | Default<br>Operator | Plurals | Time Stamp       |
|------|--------|-----------------|-------------------|---------------------|---------|------------------|
| L20  | 33187  | bracket.clm.    | US-PGPUB;<br>UPAD | OR                  | ON      | 2010/11/22 17:40 |
| L21  | 141272 | supporting.clm. | US-PGPUB;<br>UPAD | OR                  | ON      | 2010/11/22 17:40 |
| L22  | 452550 | unit.clm.       | US-PGPUB;<br>UPAD | OR                  | ON      | 2010/11/22 17:40 |

| L23 | 176984  | housing.clm.     | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:40 |
|-----|---------|------------------|-------------------|----|----|------------------|
| L24 | 785108  | portion.clm.     | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:41 |
| L25 | 469692  | coupl\$3.clm.    | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:41 |
| L26 | 818919  | connect\$3.clm.  | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L27 | 236556  | integra\$3.clm.  | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L28 | 1279565 | form\$3.clm.     | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L29 | 16011   | stator.clm.      | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L30 | 156832  | face.clm.        | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L31 | 427973  | dispos\$3.clm.   | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L32 | 267384  | electric\$3.clm. | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:43 |
| L33 | 143204  | field.clm.       | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L34 | 34433   | magnet.clm.      | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L35 | 567298  | configur\$5.clm. | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L36 | 625936  | provid\$3.clm.   | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L37 | 112125  | shaft.clm.       | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L38 | 53457   | lead.clm.        | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 17:50 |
| L39 | 53771   | screw.clm.       | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L40 | 242523  | rotat\$3.clm.    | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L41 | 13503   | stopper.clm.     | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L42 | 74945   | elastic\$4.clm.  | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L43 | 220146  | together.clm.    | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L44 | 113185  | prevent.dm.      | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:04 |
| L45 | 287782  | remov\$3.clm.    | US-PGPUB;<br>UPAD | OR | ON | 2010/11/22 18:05 |

| L46 | 300975 | out.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
|-----|--------|--|----------------------------|-----|----|------------------|
| L47 | 217771 | inner.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L48 | 752546 | surface.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L49 | 423202 | contact\$3.clm.  | US-PGPUB;<br>UP <b>A</b> D | OR  | ON | 2010/11/22 18:05 |
| L50 | 261008 | outer.dm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L51 | 261185 | section.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L52 | 128360 | smaller.dm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L53 | 72385  | overlap\$4.clm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:05 |
| L54 | 126461 | perpendicular.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:06 |
| L55 | 237049 | axis.clm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:06 |
| L56 | 72385  | overlap\$4.clm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:08 |
| L57 | 59190  | radial.clm.  | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:08 |
| L58 | 439214 | direction.clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:08 |
| L59 | 2      | "not".clm.   | US-PGPUB;<br>UPAD          | OR  | ON | 2010/11/22 18:08 |
| L60 | 0      | 20 21 22 23 24 25 26<br>27 28 29 30 31 32 33<br>34 35 36 37 38 39 40<br>41 42 43 44 45 46 47<br>48 49 50 51 52 53 54<br>55 56 57 58 59 | US-PGPUB;<br>UPAD          | AND | ON | 2010/11/22 18:11 |

## 11/22/2010 6:13:15 PM

C:\ Documents and Settings\ amok\ My Documents\ EAST\ Workspaces \ steppMtrBgCovnient10553975.wsp